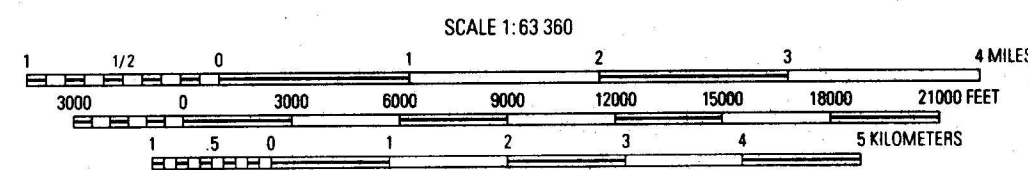
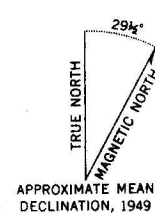


Base from U.S.G.S 1:63,360
Topographic Map Series, 1949

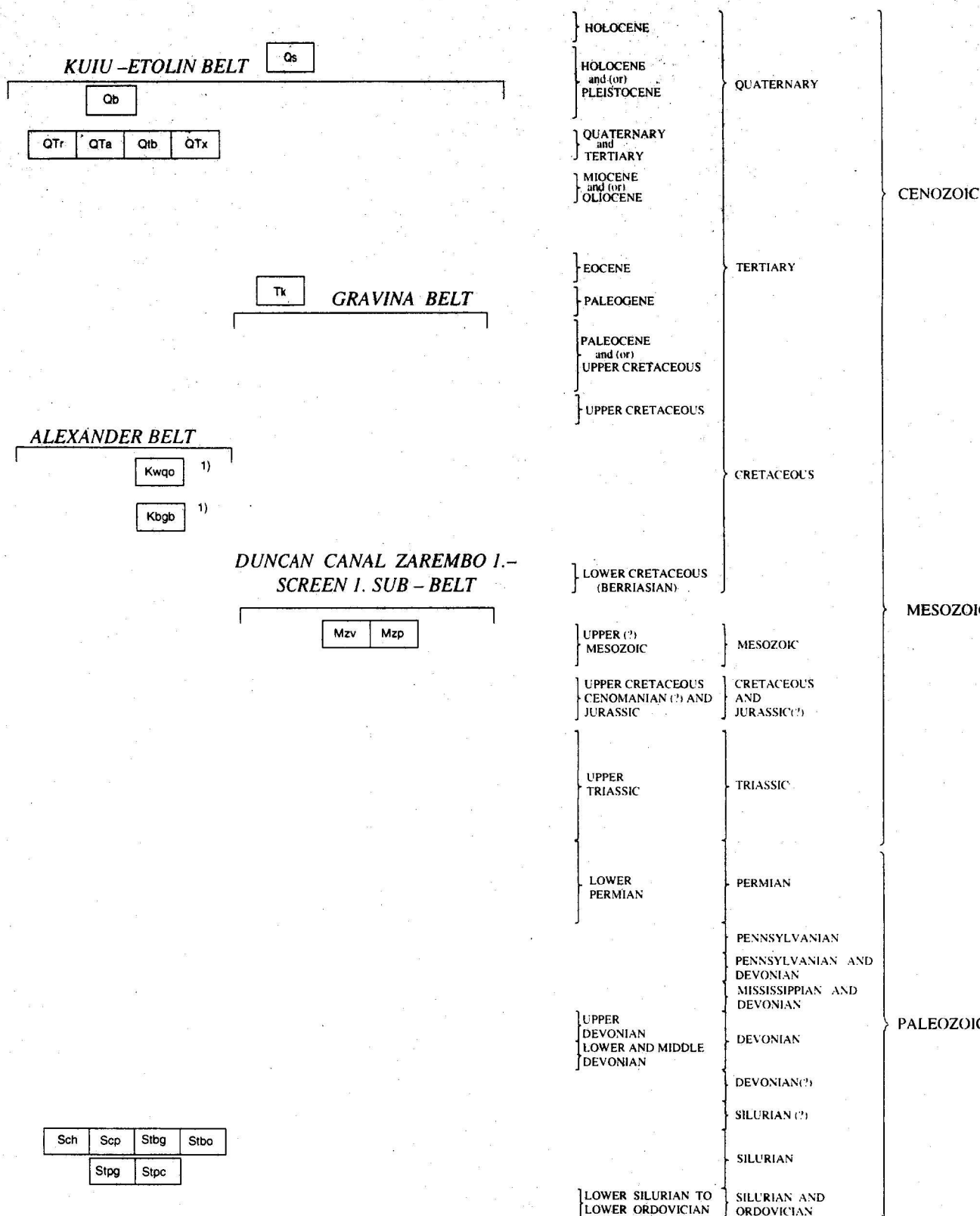


CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50-FOOT CONTOURS
OUTLINE IS MEAN SEA LEVEL
DEPTH CLIMES IN FEET OUTLINE IS MEAN LOWER LOW WATER
SHORELINE SHAPES REPRESENT THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10 FEET



Geologic Mapping by:
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S.J. Hunt, S.M. Karl, R.P. Morrell, A.T. Ovenshine,
R.A. Sonnevill, and G.D. Webster; 1968-1980

CORRELATION OF MAP UNIT IN THE PETERSBURG B-4 QUADRANGLE (SEE INDEX MAP FOR LOCATION OF BELTS)



NOTES:
1. AGE OF EMPLACEMENT

This map is preliminary and has not been reviewed for conformity
with U.S. Geological Survey editorial standards and stratigraphic
nomenclature. Any use of trade names is for descriptive purposes
only and does not imply endorsement by the U.S.G.S.

BRIEF DESCRIPTION OF MAP UNITS IN THE PETERSBURG B-4 QUADRANGLE

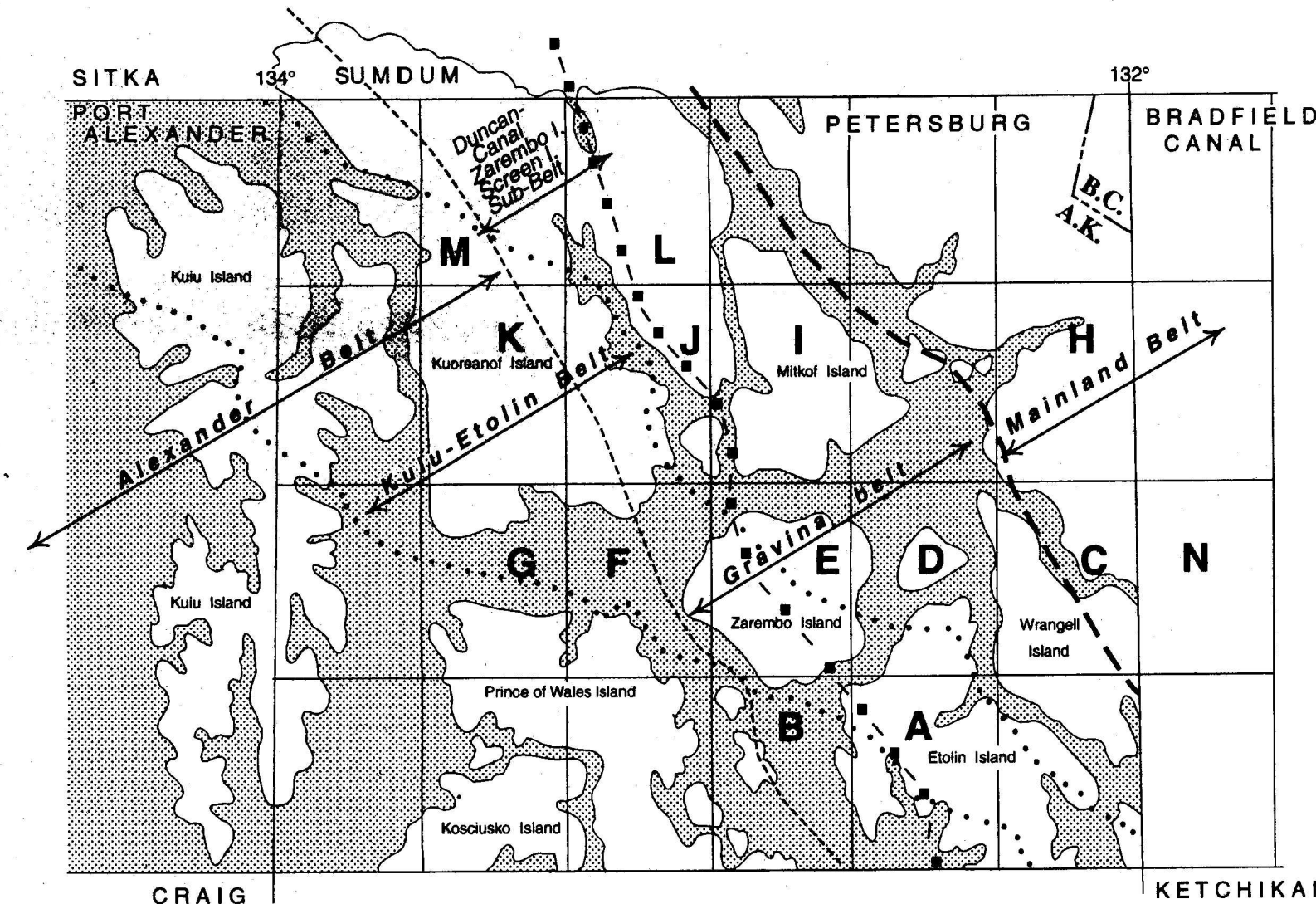
- Qs SURFICIAL DEPOSITS (Holocene and/or Pleistocene)
- KUIU-ETOLIN BELT
- EXTRUSIVE AND INTRUSIVE VOLCANIC ROCKS OF KUIU-ETOLIN VOLCANIC-PLUTONIC BELT (Quaternary and Tertiary)
- Qb Extrusive Basaltic Rocks and Underlying Sediments
- QTr Rhyolite, Rhyodacite, and Related Siliceous Extrusive and Intrusive Rocks
- Qta Andesite and Other Intermediate Extrusive Rocks
- Qtb Basalt and Other Mafic Extrusive Rocks
- Qtx Breccia and Agglomerate
- Tk KOOTZNAHOO FORMATION(?) (Paleogene)--Nonmarine arkosic sandstone, sandstone, shale, and conglomerate.
- ALEXANDER BELT
- INTRUSIVE ROCKS OF THE CHILKAT-PRINCE OF WALES PLUTONIC PROVINCE (Cretaceous)
- Kwgo Hornblende Quartz Monzodiorite with Minor Tonalite, Granodiorite, Quartz Diorite, Diorite, Quartz Monzonite, and Monzodiorite
- ULTRAMAFIC COMPLEX AT BLASHKE ISLANDS AND RELATED ROCKS (Cretaceous)
- Kbgb Clinopyroxene-Hornblende Gabbro

- PRINCE OF WALES ISLAND SEQUENCE (Devonian to Ordovician)
- Carbonate Rocks and Associated Conglomerates (Upper to Lower Silurian)
- Sch Heceta Limestone
- Scp Polymictic Conglomerate
- Turbidites and associated rocks (Upper Silurian to Lower Ordovician)
- Bay of Pillars Formation on Kulu and western Prince of Wales Islands (Upper to Lower Silurian)--
- Stbg Graywacke, Mudstone, Turbidites, and Limestone
- Stbo Olistostrome Blocks of Heceta Limestone in Turbidite Matrix
- Bay of Pillars Formation on Northeastern Prince of Wales Island (Upper(?) to Lower Silurian).
- Stpg Graywacke, Slate, and Limestone
- Stpc Conglomerate, Agglomerate, and Volcanic Breccia
- GRAVINA BELT
- DUNCAN CANAL-ZAREMBO ISLAND-SCREEN ISLAND SUB-BELT OF THE GRAVINA BELT
- Mzv METAMORPHOSED STEPHENS PASSAGE GROUP AND OTHER ROCKS (Upper(?) Mesozoic)
- Greenschist And Greenstone Metamorphosed From Intermediate To Mafic Volcanic Rocks

LINE SYMBOLS

Contact; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data; locally extended for long distances beneath water where no control is available

High-angle fault; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data



Index map of Petersburg project area (Brew and others, 1984) showing locations of belts mentioned in text and on Correlation of Map Units diagram and the locations of 1:250,000- and 1:63,360-scale quadrangles. The 1:63,360-scale quadrangles in this Open-File Report map series (OFR 97-156a-n) are indicated by capital letters. The different types of lines bounding the belts have no special significance.

RECONNAISSANCE GEOLOGIC MAP OF THE PETERSBURG B-4 QUADRANGLE, SOUTHEASTERN ALASKA

By
David A. Brew
1997

This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government